

We measure it.



Smart & Wireless

Hot-wire anemometer*

testo 405i

Measures air velocity, volume flow, and temperature

Measures in-duct air flow and automatically calculates volume flow (enter duct dimensions simply)

Small dia. (<0.5") and 15" telescopic shaft length is ideal for in-duct flow averaging and timed traverse

Perform air duct leakage tests

Measurement data is transmitted to the convenient and powerful testo **Smart Probes App** in your smart device

Tough, accurate, and easy-to-use

For all HVAC/R technicians and contractors



Bluetooth
+ App

testo Smart Probes App
for free download



*Operates with iOS or Android smart devices such as smart phones, tablets, etc.

The testo 405i Smart Probe hot-wire anemometer is a wireless instrument for measuring air flow velocity, temperature, and volume flow. It is equipped with a telescopic shaft which extends to 15" for easy in-duct testing. You can reliably determine timed and multipoint flow traverses. Users can read the measurements using the testo **Smart Probes App** installed on their smart device. The app lets users configure duct dimensions to calculate volume flow measurements. Use the testo 405i along with the testo 605i thermo-hygrometer to determine cooling and heating performance. The testo 405i works on smart devices with either Android or Apple operating systems.

The testo **Smart Probes App** is a powerful and easy-to-use tool. It allows you to remotely read measurements from up to six (6) Smart Probes and easily document/report the results. Automatic calculations make it a snap! All measurement data is displayed as instrument readings, tables, or graphs. The measurements can be quickly saved as PDF or Excel files. The App creates custom reports which can be saved and/or shared by email. All your data can be stored and retrieved saving you hours of time consuming paperwork!

Technical data/accessories

testo 405i

testo 405i, Bluetooth hot-wire anemometer with App, incl. 3 AAA batteries and certificate of calibration

Order no. 0560 1405



Sensor type	Hot wire
Measuring range	0 to 6,000 fpm
Accuracy	±(9.9 fpm +2.5 % of m.v.) (0 to 400 fpm) ±(29.5 fpm +2.5 % of m.v.) (400 to 3,000 fpm)
Resolution	2 fpm
Volume flow (cfm)	0 to 99,999 cfm (Resolution: 0.1 cfm)

Sensor type	NTC
Measuring range	-4 to 140 °F
Accuracy	±0.9 °F
Resolution	0.1 °F



Testo Smart Probes App

The Testo **Smart Probes App** combines the power of your smart phone/tablet with the accurate measurements of your Smart Probes. The operation and display of the instruments are communicated via Bluetooth to the App on your smart phone or tablet. The **Smart Probes App** uses the measurements to create custom reports (including added photos and comments). Information and reports can be saved as files and/or sent by e-mail. For Apple iOS and Android.

General technical data

Compatibility	requires iOS 8.3 (or later) / Android 4.3 (or later) requires mobile device with Bluetooth 4.0
Storage temperature	-4 to 140 °F
Operating temperature	-4 to 122 °F
Battery type	3 AAA Batteries (incl.)
Battery life	15 hrs
Dimensions	7.9 x 1.2 x 1.6 in Telescope extendable to 15.7 in.
Warranty	2 years
Measuring Units	°F, °C, fpm, m/s, cfm, m³/h, l/s



VAC Smart Probe Kit: 0563 0003

Accessories

	Order no.
testo VAC Smart Probe Kit for servicing ventilation and air conditioning systems. Includes: testo 405i, testo 410i, testo 605i, testo 805i. Dimensions 10.6 x 7.5 x 2.4 in	0563 0003
testo Smart Case (VAC) for the storage and transport of testo 405i, testo 410i, testo 510i, testo 605i, testo 805i and testo 905i Dimensions 10.6 x 7.5 x 2.4 in	0516 0260